

FEB 09 1982

- PM-5531
Maskant, ElectroplatingU.S. DEPARTMENT OF LABOR
Occupational Safety and Health AdministrationForm Approved
OMB No. 44-R1387**MATERIAL SAFETY DATA SHEET**Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

MANUFACTURER'S NAME Western Coating Company		EMERGENCY TELEPHONE NO. 213-283-9331
ADDRESS (Number, Street, City, State, and ZIP Code) 794 W. Santa Anita St., San Gabriel, Ca. 91778		
CHEMICAL NAME AND SYNONYMS Cellulose Acetate Butyrate		TRADE NAME AND SYNONYMS MASKCOAT #2 (maskcoat 2)
CHEMICAL FAMILY Organic	FORMULA Mixture of Organic Compounds	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	0		BASE METAL	0	
CATALYST	0		ALLOYS	0	
VEHICLE	0		METALLIC COATINGS	0	
SOLVENTS	0		FILLER METAL PLUS COATING OR CORE FLUX	0	
ADDITIVES	0		OTHERS	0	
OTHERS	0				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
100% Solid Hot Melt Coating, based on Cellulose Acetate Butyrate in formula with Castor Oil and Wax.		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR Block form, similar to wax, with Butyrate odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	450° F. Open cup <i>let for 50 cc</i>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Chemical or CO ₂ Extinguisher.			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS				
None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

NONE

EMERGENCY AND FIRST AID PROCEDURES

If bare skin comes in contact with hot molten plastic, treat as a first-degree oil burn.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

XX

CONDITIONS TO AVOID

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Material is in solid blocks like wax

WASTE DISPOSAL METHOD

same as any solid plastic

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST if in enclosed area, you might want to exhaust the fumes to the outside.
MECHANICAL (General)

SPECIAL

OTHER

PROTECTIVE GLOVES

use cotton gloves while dipping to avoid burns.

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

If material is overheated or heated for long periods of time, it can develop a butyrate odor, which some people may object to, but it is non-toxic, and is the same odor you would receive from rancid butter.

OTHER PRECAUTIONS

WESTERN COATING CO.

P.O. BOX 549

794 W. SANTA ANITA ST.

SAN GABRIEL, CALIFORNIA 91778

Area Code 213
283-9331

MASKCOAT #2

EXPLANATION: This material is a Type II, Cellulose Acetate Butyrate based plastic. It is composed of Cellulose Acetate Butyrate and various plasticizers. It contains no solvent or harmful ingredient.

COLOR: Red

DENSITY: 8.37 lbs/gal [1.06 gm/ml]

VISCOSITY AT 350° F [177° C]: 3900 CPS
Brookfield RVF Spindle 4-20 RPM

OPERATING TEMPERATURE °F [°C]: 350°-370° F [177°-188° C]

COATING THICKNESS: .05 in [1.27 mm]

FLASH POINT COC °F [°C]: 455° F [235° C]

FIRE POINT COC °F [°C]: 515° F [268° C]

SOFTENING POINT °F [°C]: 250° F [121° C]
Ring & Ball

COOLING TIME: 75 sec

HARDNESS SHORE A: 77

TENSILE STRENGTH: 593.9 PSI [41.8 kg/sq cm]
Instron 1130

ELONGATION: 71.3%
Instron 1130

ELECTRICAL RESISTANCE: EXCELLENT
Meg Check

MOISTURE RESISTANCE: EXCELLENT

CHEMICAL RESISTANCE: Attacked by solvents and oing immersion in strong acids and bases

AVAILABLE COLORS: Clear, Red, Black

USES: Plating stop-off - sharp line. No contamination of solution, potting compound, electrical insulation, seal parts exposed to salt water.
Meets Mil-P-23242A